

OUT: 64041

**SECRET**

1968 JAN 11 22 00

SECRET 112146Z CITE [ ] 2698  
 PRIORITY [ ]  
 IDEALIST [ ]

25X1  
 25X1

SUBJECT: EVALUATION OF TRACKING CAMERA NEGATIVES FROM MISSION C327C FLOWN 13 DECEMBER 1967.

1. CAMERAS 307 AND 308 (T-35) WERE USED ON MISSION C327C. PROCESSING WAS ACCOMPLISHED IN THE FIELD.

2. AN EVALUATION OF THE NEGATIVES REVEAL THE FOLLOWING:

A. APPROXIMATELY 30 PERCENT OF EACH FORMAT IS OBSCURED BY THE VEHICLE; HOWEVER, THERE IS SUFFICIENT IMAGERY FOR ACCURATE PLOTTING.

B. THE CLOCKS AND COUNTERS OPERATED SATISFACTORILY FOR BOTH CAMERAS.

C. ONE-TENTH OF AN INCH OF THE IMAGERY ALONG THE CLOCK EDGE IS OUT OF FOCUS IN BOTH CAMERAS.

D. NUMEROUS PLUS DENSITY AREAS ARE PRESENT WITHIN THE FORMATS INTERMITTENTLY IN BOTH CAMERAS. IT IS BELIEVED THEY ARE CAUSED BY SOLAR REFLECTION OFF OF PARTS WITHIN THE AIRCRAFT, AND CAUSE NO DEGRADATION TO THE IMAGERY.

E. BOTH CAMERA NEGATIVES CONTAIN PLUS DENSITY AREAS APPROXIMATELY .6 INCHES SQUARE AND 2.5 INCHES LEFT OF THE CLOCK (CLOCK READABLE) IN ALL FORMATS.

F. SHUTTER HESITATION (VERTICAL BANDING) IS PRESENT IN ALL FORMATS (BOTH CAMERAS).

G. THE CLOCKS WERE SYNCHRONIZED.

H. THE GROUND RESOLUTION OF THE IMAGERY IS GOOD WHERE NOT AFFECTED BY FLARE PATTERNS AND ATMOSPHERIC ATTENUATION.

SECRET

END OF MSG

DISTRIBUTION		
Cy No	Office	Action
1	File	
2	Cable Sec.	
	Ex Staff	
	Secur	
345	TSS	
	PS	
	PPS	
	IAS	
	DIAX-4	
	SPAD	
	DIA-AP	

25X1

Advance copy  
 Sanitized

**SECRET**